

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. 09/783,377
Filing Date February 13, 2001
Inventor Segal et al.
Assignee Honeywell International Inc.
Group Art Unit 1742
Examiner Wessman, A.
Attorney Docket No. 30-5022(4015)
Title: Aluminum-Comprising Physical Vapor Deposition Targets; Sputtered Films; and
Target Constructions

Assistant Commissioner for Patents
Washington, D.C. 20231

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Dated: July 24, 2002

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Inventor.....Segal et al.
Assignee.....Honeywell International Inc.
Group Art Unit.....1742
ExaminerWessman, Andrew E.
Attorney's Docket No.30-5022(4015)
Title: Methods of Forming Aluminum-Comprising Physical Vapor Deposition Targets;
Sputtered Films; and Target Constructions

RESPONSE TO APRIL 25, 2002 OFFICE ACTION

To: Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENTSIn the Specification

Please replace the paragraph beginning at line 25 of page 10 with the following
clean replacement paragraph in accordance with 37 C.F.R. § 1.121(b)(1)(ii):

-- A deformation technique known as equal channel angular extrusion (ECAE) is
used with advantage for the manufacture of physical vapor deposition targets, and in
particular aspects of the invention is utilized for the first time in the manufacture of FPD
and LCD targets. The ECAE technique was developed by V.M. Segal, and is described in
US Patents Nos. 5,400,633; 5,513,512; 5,600,989; and 5,590,389. The disclosure of the
aforementioned patents is expressly incorporated herein by reference.--.